CLAIMS:

What is claimed is:

1. An electromagnetic gasket for shielding electromagnetic interference (EMI), comprising:

a metal shielding component comprising a longitudinal metal plate and a plurality of first ribs and a number of second ribs corresponding to and opposing the plurality of first ribs;

wherein the plurality of first ribs and second ribs extend beyond opposite side surfaces of the metal shielding component, are symmetric about the metal shielding component, and curve back inward under themselves; and

wherein the plurality of second ribs further include an extended lip curving back outward underneath themselves.

2. The electromagnetic gasket of claim 1, wherein the plurality of first and second ribs of the electromagnetic gasket include an extended lip.

3. The electromagnetic gasket of claim 1, wherein the plurality of first and second ribs of the electromagnetic gasket are mounted on a receiving device.

4. The electromagnetic gasket of claim 3, wherein the receiving device is one of a chassis member and a module.

5. The electromagnetic gasket of claim 3, wherein the receiving device is comprised of a steel, stainless steel, aluminum, or metal-coated polymer.

6. The electromagnetic gasket of claim 1, wherein the metal shielding component is comprised of thin beryllium copper, phosphor bronze, brass, or stainless steel.

7. The electromagnetic gasket of claim 1, wherein the metal shielding component includes a coating of tin, tin and lead, cadmium, or zinc.

8. The electromagnetic gasket of claim 1, wherein the length of the electromagnetic gasket is approximately the length of a gap created by individual sides of the receiving device and a mating chassis.

9. The electromagnetic gasket of claim 1, wherein the width of the electromagnetic gasket is 2 centimeters or less.

10. A method for facilitating electromagnetic energy shielding, the method comprising:

positioning an electromagnetic interference gasket over a receiving device,

wherein the receiving device includes slots for receiving the electromagnetic interference gasket;

wherein the electromagnetic interference gasket includes a metal shielding component comprising a longitudinal metal plate and a plurality of first ribs

and a number of second ribs corresponding to and opposing the plurality of first ribs;

wherein the plurality of first ribs and second ribs extend beyond opposite side surfaces of the metal shielding component, are symmetric about the metal shielding component, and curve back inward under themselves; and

wherein the plurality of second ribs further include an extended lip curving back outward underneath themselves; and

inserting the ribs of the electromagnetic interference gasket into the slots of the receiving device, wherein the extended lip facilitates the insertion of the electromagnetic interference gasket into the slots of the receiving device.

11. The method of claim 10, wherein the plurality of first and second ribs of the electromagnetic interference gasket include an extended lip.

12. The method of claim 10, wherein the receiving device is one of a chassis member and a module.

13. The method of claim 10, wherein the receiving device is comprised of a steel, stainless steel, aluminum, or metal-coated polymer.

14. The method of claim 10, wherein the metal shielding component is comprised of thin beryllium copper, phosphor bronze, brass, or stainless steel.

15. The method of claim 10, wherein the metal shielding component includes a coating of tin, tin and lead, cadmium, or zinc.

16. A storage array for shielding electromagnetic energy, comprising:

a frame;

at least one drive bay mounted within the frame;

at least one storage array module inserted into the at least one drive bay;

at least one electromagnetic interference gasket mounted onto the at least one disk array module;

wherein the at least one electromagnetic interference gasket includes a metal shielding component comprising a longitudinal metal plate and a plurality of first ribs and a number of second ribs corresponding to and opposing the plurality of first ribs;

wherein the plurality of first ribs and second ribs extend beyond opposite side surfaces of the metal shielding component, are symmetric about the metal shielding component, and curve back inward under themselves; and

wherein the plurality of second ribs further include an extended lip curving back outward underneath themselves, the extended lip facilitating the mounting of the at least one electromagnetic interference gasket onto the at least one storage array module.

17. The storage array of claim 16, wherein the plurality of first and second ribs of the electromagnetic interference gasket include an extended lip.

18. The storage array of claim 16, wherein the metal shielding component is comprised of thin beryllium copper, phosphor bronze, brass, or stainless steel.

19. The storage array of claim 16, wherein the metal shielding component includes a coating of tin, tin and lead, cadmium, or zinc.